

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61M16/00 A62B18/04 A62B18/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61M A62B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 164 946 A (RACAL SAFETY LTD) 18 December 1985 (1985-12-18) cited in the application	1,3,4, 6-10, 12-17
Y	page 5, line 13 - page 13, line 2; figures -----	11
X	FR 2 784 587 A (SAIME SARL) 21 April 2000 (2000-04-21) cited in the application	1-3,5-7, 14-16,19
	page 6, line 3 - line 26; figures 1,5 page 14, line 13 - line 16 -----	
X	WO 03/049793 A (BAECKE MARTIN ; SELEON GMBH (DE)) 19 June 2003 (2003-06-19) cited in the application	1,2,6,7, 14-16, 18,19
	page 3, line 4 - page 12, line 15; figure 1 ----- -/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *&* document member of the same patent family

Date of the actual completion of the international search

2 November 2004

Date of mailing of the international search report

09/11/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 101 16 361 A (HEPTEC GMBH) 10 October 2002 (2002-10-10) cited in the application	1-3,6,7, 14,15, 18,19
Y	paragraph 47 - column 13, line 15; figures -----	11
X,P	FR 2 837 108 A (DRAGER MEDICAL AG & CO KGAA) 19 September 2003 (2003-09-19) page 3, line 24 - page 6, line 2; figures -----	1,2, 6-10, 12-17,19

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0164946	A	18-12-1985	AU 4275385 A	12-12-1985
			DK 245185 A	07-12-1985
			EP 0164946 A2	18-12-1985
			FI 852272 A	07-12-1985
			JP 61002878 A	08-01-1986
FR 2784587	A	21-04-2000	FR 2784587 A1	21-04-2000
WO 03049793	A	19-06-2003	DE 10161057 A1	10-07-2003
			WO 03049793 A2	19-06-2003
			DE 10295711 D2	28-10-2004
DE 10116361	A	10-10-2002	DE 10116361 A1	10-10-2002
			WO 02078775 A2	10-10-2002
			DE 10291313 D2	15-04-2004
FR 2837108	A	19-09-2003	DE 10210878 A1	02-10-2003
			FR 2837108 A1	19-09-2003
			US 2003172930 A1	18-09-2003